

FOLDING MULTIPURPOSE POCKET TOOL WITH FLOATING SPRINGS

ABSTRACT OF THE DISCLOSURE

A folding multipurpose hand tool including
5 folding pliers or scissors and other tool blades and
bits. A pair of handles each has a pivot axle at each
end. A base of each pliers jaw or scissors blade is
mounted on the pivot axle at one end of a handle,
allowing the handles to fold around the jaws to blades to
10 a compact folded configuration of the tool. Each handle
has frame side members with attached flanges. Elongate
springs lie between the handle frame side members and fit
around the flanges, rather than being riveted to the
handle frame side members. The springs press against the
15 base of each pliers jaw or other tool blade, to keep each
in a folded position or support it in a deployed
position. One end of a spring may be hooked around a
spring retainer at one end of the handle. The pivot
axles interconnect the handle frame side members and the
20 jaws, blades, or tool bits.